

Title (en)

Method of estimating flicker on recorded video by camcorder

Title (de)

Verfahren zur Schätzung des Flimmerns auf einem mit einem Camcorder aufgezeichnete Video

Title (fr)

Procédé d'estimation de papillotement sur vidéo enregistrée par un caméscope

Publication

EP 2950523 A1 20151202 (EN)

Application

EP 14305795 A 20140528

Priority

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Abstract (en)

A method of estimating a flicker on a camcorder video firstly obtains a camcorder video with unknown camcording and display settings. The camcorder video includes a flicker and a watermark. Next, a spectrum of the camcorder video is obtained by using a temporal discrete Fourier transform. Then, a temporal frequency of the flicker is estimated by looking for a local maximum value in the spectrum of the camcorder video.

IPC 8 full level

H04N 5/235 (2006.01); **H04N 21/8358** (2011.01); **H04N 5/913** (2006.01)

CPC (source: EP)

G06T 7/0002 (2013.01); **H04N 5/76** (2013.01); **H04N 5/913** (2013.01); **H04N 23/745** (2023.01); **G06T 2207/30168** (2013.01); **H04N 21/8358** (2013.01); **H04N 2005/91335** (2013.01)

Citation (search report)

- [XYI] WO 0007363 A1 20000210 - INTEL CORP [US], et al
- [Y] US 6710818 B1 20040323 - KASAHARA MISA [JP], et al
- [A] US 2003030744 A1 20030213 - BAER RICHARD L [US]
- [A] WO 2004066626 A1 20040805 - KONINKL PHILIPS ELECTRONICS NV [NL], et al

Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

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